

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	08-Aug-08	43

### PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranajit Sahu	sahuron@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8660

### WEATHER CONDITIONS

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny / Party Cloudy	PM	Sunny / Party Cloudy	Low	82			Precip. (in)	
				High	102	SW	10mph	Humidity (%)	
Additional Weather Comments light wind to wind gusts of 10 -12 mph.									

### ON-SITE WESTON PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Dick Laubinger	Construction Manager	Construction Management Services.	Y
Dan Brennecke	Project Manager, CM	Construction Management Services.	Y
TBD	Project Engineer	Construction Management Services.	N
TBD	Admin Assistant	Construction Management Services.	N

### ON-SITE GEOSYNTEC PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Wayne Wofford	QA/QC Tech	Oversight	Y
Brent Barbacane	QA/QC Tech	Oversight	Y
Jim Cox	QA/QC Supervisor	Oversight	N
Greg Corcoran	Engineer of Record	Oversight	Y
Rebecca Flynn	Engineer	Oversight	N
Camron Liddell	QA/QC Tech	Oversight	Y

### ON-SITE SUPPORT PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Doug Herlocker, Tetra Tech	Air Monitoring Specialist	Air Monitoring	Y
Becky Dano, Tetra Tech	Air Monitoring Specialist	Air Monitoring	Y
Jerry Fauchaux, Tetra Tech	Air Monitoring Specialist	Air Monitoring	Y
Linda Nations, BRC	BRC, QA Oversight	Site Monitoring, Progress and Security	Y

### OVERSITE PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Scott McKeag, McGinley	Oversight	For NDEP	Y
Devin Gordon, McGinley	Oversight	For NDEP	N
Dock Kim, ATC	Field Observation	For AIG	Y
Ron Perry, ASW	Inspector	For NDEP, CAMU Subgrade and Liner Inspection	Y
PBS&J, Survey	Surveyors		N

### ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	Y
Josh Carrol	Entact	Asst Project Manager	Y
Russ Karnes	Entact	Eastside, Superintendent	Y
Michael Carlson	Entact	Engineer	N
Joe Curilla	Entact	Health & Safety Officer	Y
Michael Parker	Entact	Health and Safety Technician	Y
	Entact	18 Equipment Operators & Truck Drivers	Y
Ed Long	Entact	CAMU, Superintendent	Y
	American Asphalt	Earthwork Superintendent	Y
	American Asphalt	11 Equipment Operators & Truck Drivers,	Y
	Environmental Specialties, Inc	Liner Superintendent	Y
	Environmental Specialties, Inc	12 Liner laborers	Y
	Kenney Survey	Survey at Phase 2 CAMU	Y

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ON-SITE EQUIPMENT	
1	1.1
2	2.1
3	3.1
4	4.1
5	5.1
6	6.1
7	7.1
8	8.1
9	9.1
10	10.1
11	11.1
12	12.1
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96	96.1
97	97.1
98	98.1
99	99.1
100	100.1

Equipment	Vendor / Tag No.	Work Performed				
CAT D400E Dump Truck (1)		Eastside	-	-	-	-
JD D400 Dump Trucks (4)		Eastside		-	-	-
CAT 324D long stick excavator		CAMU	-	-	-	-
CAT D8R Dozer with disc		Eastside		-	-	
CAT 345 excavator		Eastside		-	-	-
CAT 330 Excavator		Eastside		-	-	-
Case double pan scrapers.		Eastside		-	-	-
CAT D6 LGP Dozer (2)		Eastside				-
Water Trucks (2)		Eastside				
637/631 Cat Scrapers (6)		CAMU				-
CAT 16H Grader		CAMU				-
CAT D-10 Dozer		CAMU				
CAT Water Wagon		CAMU				-
CAT D-6 Dozer		CAMU				-
CAT 14H Grader		CAMU				-
Gradall		CAMU				-
Bobcat Skidsteer		CAMU				-
JLG		CAMU				-
CAT D4 dozer		CAMU				-
						-
						-

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)	
1	1.00
2	1.00
3	1.00
4	1.00
5	1.00
6	1.00
7	1.00
8	1.00
9	1.00
10	1.00
11	1.00
12	1.00
13	1.00
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89	1.00
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99	1.00
100	1.00

Material	Vendor	QTY	UOM	Purpose	Delivery Verification			
					Coordn	Qty	Spec	Tags
GCL	CETCO	0	rolls	For CAMU				
Geocomposite 60 mil Liner	Agru	0	rolls	For CAMU				

WORK COMPLETED

## Description of Work Executed Today

**Eastside Mixing and Drying Activity:**

- Loading out previously spread material from HP-3 using 345 excavator. (4) haul trucks hauling to beta ditch stockpile. 183 loads, (3,660) cy.
- Leveled material from HP-3 on staging area and beta ditch using D6 dozer..
- D8 Dozer diskling wet pond material that is spread over the dry ponds.
- Versatile tractor and pans transporting dried material from various ponds and spreading at stockpile. 45 loads, (1,350) cy.
- SW-6, 345 excavator loading out additional discolored soils below liner. Monitored by Construction Manager. (61) loads = (1,342) cy, to beta - ditch stockpile.

CAMU Activity:

### Excavation

- Phase 2, Excavation 631/632 scrapers, 4,300 cy. (4) scrapers hauling.
- Screener, screening soils for slopes, continued placement as needed on south slope. Raking South slope on Phase 2.
- Entact maintained 12" clean soil cap over west haul rd and bypass rd.
- Phase 1, (0) cy daily, (TBD) cumulative.

	A	B	C	D
<b>Embankment</b>				

- Phase 1 embankment, complete.
- Phase 1 estimated cumulative embankment placed: 0 cy

[illegible]

- Phase 1 estimated daily waste placed: 0 cy
- Phase 1 estimated cumulative waste placed: 0 cy

## Geosynthetics

- Phase 1 liner deployed on floor, QC performed.
- Phase 1 GCL placed: 43,500 sf daily, 306,167 sf cumulative
- Phase 1 Geomembrane: 48,245 sf daily, 328,458 sf cumulative
- Phase 1 Geocomposite: 0 sf daily, 0 sf cumulative
- Phase 1 Geotextile: 0 sf daily, 0 sf cumulative

**Other: Sewer Realignment:** Berm work complete. Construction fence, complete. Chem Loc Surfactant sprayed on side slopes.  
**Northeast Detention Basin at CAMU:** Continued potholing effort. Found miscellaneous rubble in some potholes also a strong odor..

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### Perimeter Fence Inspection and Repair.

No Issues.

## HEALTH & SAFETY

Description of Health &amp; Safety Actions Taken Today / Safety Inspections Conducted

### Entact H&S Tailgates

Morning: Discussed local newspaper article, iron workers drinking alcohol at lunch break and returning to work.

**ESI, Liner Crew:** Working around liner rolls and spreader bar during deployment.

Afternoon: Hearing protection.

## American Asphalt Tailgates

Morning: Nuisance odors. Wear your respirator if you want to.

Entact: took PID readings on the floor of Phase 2 excavation and South fenceline nothing found.

**Safety Incidents:** None

### QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

### Daily CQA Summary

Inspected Liner staging area and covering. Ok

Inspected and documented, Phase 1 Liner Installation on floor...

Liner Crew continued liner on floor..

Inspected 12" capped haul roads for degradation. All areas ok.

Inspected floor area to be covered, Approved for installation.

**Dust:** Met requirements.

## Deviations from CQA Plan

None

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues, Concerns / Conversations / Topics

Ron Perry, ASW, State liner inspector on site with Scott McKeag, McGinley Associates, inspecting CAMU work.

CAMU: Burrowing Owls area, Sighting again today (3).

CAMU: Northeast Detention Basin potholing investigation completed. Results: Brick, and concrete debris encountered running East to West connecting holes 12, 15 and 7. Strong odor coming from 12 and 15. Potholes to be backfilled and covered with plastic.

## SITE VISITORS

[illegible]

Report Prepared By / Title

**Dick Laubinger, Construction Manager**

Date Prepared

8-Aug-08

Signature \_\_\_\_\_



## Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



CAMU, Pothole at Northeast Detention Basin.

Photo 2



CAMU, Pothole at Northeast Detention Basin. Rubble and Trash

Photo 3



CAMU, Phase 1 Liner Installation.

Photo 4



Eastside, SW-6, Final additional excavation below liner, midway.